| E45M1-M PRO Spec | |
|---|---|
| Note: The specifications are subject to change without notice. | |
| **APU** | AMD® Dual-Core Processor E-450 with AMD Radeon™ HD 6320 Discrete-Class Graphics |
| | Support AMD® Turbo Core Technology |
| **Chipset** | AMD® A50M(Hudson M1) |
| **System Bus** | Up to 2.5GT/s; UMI Link |
| **Memory** | 2x DIMM, max. 8GB, DDR3 1600(O.C.)1333/1066,non-ECC ,un-buffered memory |
| | Single channel memory architecture |
| | * Refer to www.asus.com or user manual for Memory QVL (Qualify Vendor List) |
| | **When you install a total memory of 4GB capacity or more, Windows® 32-bit operating system may only recognize less than 3GB. We recommend a maximum of 3GB system memory if you are using a Windows® 32-bit operating system. |
| **Graphics** | Integrated AMD® Radeon HD 6320 Discrete-Class Graphics |
| | Multi-VGA output support : HDMI/DVI/RGB ports |
| | Supports DVI with max. resolution up to 1920x1200@60Hz |
| | Supports HDMI with max. resolution up to 1920x1080@60Hz |
| | Supports D-sub with max. resolution up to 2560x1600@60Hz |
| | Supports Microsoft® DirectX 11 |
| **Expasion slots** | 1 x PCIe 2.0 x16 slot (at x4 mode) |
| | 1 x PCIe2.0 x1 slot |
| | 2 x PCI slots |
| **Storage** | AMD® A50M |
| | - 5 xSATA 6.0 Gb/s ports ,1 x eSATA 6Gb/s |
| **LAN** | Realtek® 8111E Gigabit LAN |
| **Audio** | ALC887 High Definition 8-channel Audio (3jacks) |
| | - Optical S/PDIF out port at back I/O |
| | - Supports Multi-Streaming, Vista Premium;Anti-pop Function (Power On/Off; Resume S3/S4); Front Panel Retasking |
| | *Choose the chassis with HD audio module in front panel to support 8-Channel audio output |
| **USB** | ASMedia® USB 3.0 controller : |
| | 2 x USB 3.0 port(s) (2 at back panel, blue) |
| | AMD® A50M |
| | 12 x USB 2.0 port(s) (4 at back panel, black+red, 8 at mid-board) |
| **ASUS Unique Features** | **ASUS EPU :** |
| | -EPU |
| | **Turbo Key** |
| | **Turbo KeyII** |
| | **TurboV** |
| | **ASUS Exclusive Features :** |
| | - AI Suite II |
| | - Anti-Surge |
| | - AI Charger+ |
| | - Low EMI Solution |
| | - ASUS UEFI BIOS(EZ Mode) |
| | **ASUS Quiet Thermal Solution :** |
| | -ASUS Fan Xpert |
| | **ASUS EZ DIY :** |
| | - ASUS CrashFree BIOS 3 |
| | - ASUS EZ Flash 2 |
| | -ASUS MyLogo 2 |
| **Back Panel I/O Ports** | 1 x PS/2 Keyboard/Mouse Combo port |
| | 1 x Optical S/PDIF_Out port |
| | 1 x D-Sub port |
| | 1 x DVI port |
| | 1 x HDMI port |
| | 1 x eSATA 6Gb/s port |
| | 1 x LAN (RJ45) port |
| | 1 x IEEE 1394 port |
| | 2 x USB3.0 ports |
| | 4 x USB2.0 ports |
| | 8-Channel Audio I/O(3 jacks) |
| **Internal I/O Connectors** | 4 x USB2.0 connector supports additional 8 USB2.0 ports |
| | 5x SATA connectors |
| | 1 x IEEE 1394 connector |
| | 1 x CPU Fan connector |
| | 1 x Chassis Fan connector |
| | 1 x Front panel audio connector |
| | 1 x S/PDIF Out connector |
| | 1 x COM connector |
| | 1 x Printer connector |
| | 1 x System Panel connector |
| | 1 x Turbo key II Switch |
| | 1 x 24-pin EATX Power connector |
| | 1 x 4-pin ATX 12V power connector |
| **BIOS** | 32 Mb Flash ROM, UEFI BIOS, PnP, DMI 2.0, WfM 2.0, ACPI 2.0a, SM BIOS 2.6 |
| **Accessories** | 2 x SATA 6Gb/s cable |
| | 1x I/O shield |
| | 1 x CPU FAN |
| | 1 x Support DVD |
| | User's manual |
| **Support CD** | Drivers |
| | ASUS PC Probe II |
| | ASUS Update |
| | Anti-virus software (OEM version) |
| **Form Factor** | uATX Form Factor, 9.6"x 7.2" (24.4cm x 18.3cm) |